

**AMENDMENTS TO THE SPECIFICATION:**

Pages 18-19, bridging paragraph:

Referring next to Figure 2b, it will first be noted that items 21A and 21B, while corresponding to Step 21 in Figure 2a, are not separate processing steps; they are high-level descriptions that indicate which prediction task is currently being carried out. Item 21A means that predictions will be made for sequences of tasks that follow the task given by the user. Item 21B means that predictions will be made for sequences of tasks that precede the task given by the user. For each of the two processes, Steps 210, Steps 221 to 228, and Step 23 are performed, once for the process for generating the sequence of "following tasks", and once for the process for generating the sequence of "preceding tasks". These processes may be performed either concurrently or one after the other. Similarly, it will be noted that item 22, while corresponding broadly to Step 22 in Figure 2a, is not a separate step, but is simply a high-level description of the process carried out in Steps 221 to 228.

Page 30, top of page: delete "CLAIMS" and insert the following heading:

**WHAT IS CLAIMED IS:**